APPLICATION FOR UNITED STATES PATENT Declaration for Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on

(check at le		65 3 1)	
(CHECK at IC	ast one)	4[]	is attached hereto was filed on	as (5) U.S. Application Serial No.		
		6[] :	and was amended	(if applicable)		_
	7 [x]		T international application	<u> </u>		
Use this	8	Number PCT				
portion only if you		on 03/July/20				
are entering the U.S.		and was amended under PCT Article(s) 19 and/or 34				
National phase based	10		•			
on a PCT International	11	on (if applicable). priority date claimed in PCT International Application				
Application designating		JAPAN	2000-205414	06/July/2000		
the U.S.		(Country)	(Number)	(Day/Month/Year Filed)		
			•		<u>. </u>	
		(Country)	(Number)	(Day/Month/Year Filed)		
		(Country)	(Number)	(Day/Month/Year Filed)		
amendment rangement rangement I acknowle bility in according I hereby clause listed below the listed below t	eferred to dge the ordence waim forest days and h	at I have reviewed a o above. duty to disclose to vith Title 37, Code ign priority benefit have also identified	and understand the contents the United States Patent and of Federal Regulations, §1. s under Title 35, United Sta below any foreign applicati	tes Code, §119 of any foreign application on(s) for patent or inventor's certificate	n to me which is n (s) for patent or or any PCT interr	mate inve
amendment r I acknowle bility in accor I hereby cla te listed belo ion(s) design	eferred to dge the ordence waim forest ow and hating at	at I have reviewed a o above. duty to disclose to vith Title 37, Code ign priority benefit have also identified least one country of	and understand the contents the United States Patent and of Federal Regulations, §1. s under Title 35, United Sta below any foreign applicati	Trademark Office all information know 56. tes Code, §119 of any foreign application	n to me which is n (s) for patent or or any PCT interr	mate inve
amendment racknowle in acknowle bility in account hereby classed belowings and the listed belowings han that of the Prior (Fore	eferred to dge the conductive ward forest own and he capplic	at I have reviewed a o above. duty to disclose to vith Title 37, Code ign priority benefit have also identified least one country of cation(s) on which processing the second of the sec	and understand the contents the United States Patent and of Federal Regulations, §1. s under Title 35, United Sta below any foreign application other than the United States priority is claimed.	Trademark Office all information know 56. tes Code, §119 of any foreign application on(s) for patent or inventor's certificate	n to me which is n (s) for patent or or any PCT intern ect matter having	mate invenation a fil
amendment racknowle in acknowle bility in account hereby classed belowings in the listed belowings han that of the same acknowledge in	eferred to dge the conductive ward forest own and he capplic	at I have reviewed a o above. duty to disclose to vith Title 37, Code ign priority benefit have also identified least one country of cation(s) on which processing the second of the sec	and understand the contents the United States Patent and of Federal Regulations, §1. s under Title 35, United Sta below any foreign application other than the United States priority is claimed.	Trademark Office all information know 56. tes Code, §119 of any foreign application on(s) for patent or inventor's certificate of America filed by me on the same subj	n to me which is n (s) for patent or or any PCT interr ect matter having Priority (mate invenation a fil
amendment racknowle I acknowle bility in according I hereby classes listed belotion(s) design han that of the Prior (Fore	eferred to dge the conductive ward forest own and he capplic	at I have reviewed a o above. duty to disclose to with Title 37, Code ign priority benefit have also identified least one country of action(s) on which polication(s) any Pri-	and understand the contents the United States Patent and of Federal Regulations, §1. s under Title 35, United Sta below any foreign application other than the United States priority is claimed.	Trademark Office all information know 56. tes Code, §119 of any foreign application on(s) for patent or inventor's certificate of America filed by me on the same subj	n to me which is n (s) for patent or or any PCT intern ect matter having	mate invenation a fil
amendment racknowle I acknowle bility in according I hereby classes listed belotion(s) design han that of the Prior (Fore	eferred to dge the derdance waim forestow and hatting at the application (ign) App	at I have reviewed a o above. duty to disclose to with Title 37, Code ign priority benefit have also identified least one country of action(s) on which polication(s) any Pri-	and understand the contents the United States Patent and of Federal Regulations, §1. s under Title 35, United Sta below any foreign applicate other than the United States priority is claimed. ority Claims Under 35 U.S.	Trademark Office all information know 56. tes Code, §119 of any foreign application on(s) for patent or inventor's certificate of America filed by me on the same subj	n to me which is n (s) for patent or or any PCT interrect matter having Priority (mate invenation a fil Clain
amendment real acknowle bility in account for the listed belotion(s) design han that of the Prior (Fore (Count))	eferred to dge the cordance waim forest wand he nating at the application. Application of the cordance was applicated by the	at I have reviewed a control of the action and the action and the action and the action are also identified least one country control of the action and the action and the action and the action and the action action and the action action and the action action action and the action a	and understand the contents the United States Patent and of Federal Regulations, §1. s under Title 35, United Sta below any foreign applicate other than the United States priority is claimed. ority Claims Under 35 U.S. onber)	Trademark Office all information know 56. tes Code, §119 of any foreign application on(s) for patent or inventor's certificate of America filed by me on the same subj C. 119 (Day/Month/Year Filed)	n to me which is n (s) for patent or or any PCT interrect matter having Priority (mate invenation g a fil Clain [N [
amendment r I acknowle Dility in according to the listed belowed to the listed belowing that of the listed prior (Fore Court (Court Priority Classes)	eferred to dge the cordance waim forest wand he nating at the application. Application of the cordance was an experience of the cordance of th	at I have reviewed a control of the action o	and understand the contents the United States Patent and of Federal Regulations, §1. s under Title 35, United Sta below any foreign applicate other than the United States priority is claimed. ority Claims Under 35 U.S. onber)	Trademark Office all information know 56. tes Code, §119 of any foreign application on(s) for patent or inventor's certificate of America filed by me on the same subj C. 119 (Day/Month/Year Filed) (Day/Month/Year Filed) claim the benefit under Title 35, United	n to me which is n (s) for patent or or any PCT interrect matter having Priority (mate invenation g a fil Clain [N [
amendment r I acknowle Dility in according I hereby cla ate listed belotion(s) design han that of th Prior (Fore (Cou Priority Cla	eferred to deep the cordance waim forest wand he nating at the application. Application of the cordance was an experienced to the cordance was an experienced to the cordance was a cordance with the cordance was a cordance with the cordance was a	at I have reviewed a construct a service of above. It is a service of	the United States Patent and of Federal Regulations, \$1. s under Title 35, United States below any foreign application of the United States priority is claimed. ority Claims Under 35 U.S. (a) the control of the cont	Trademark Office all information know 56. tes Code, §119 of any foreign application on(s) for patent or inventor's certificate of America filed by me on the same subj C. 119 (Day/Month/Year Filed) (Day/Month/Year Filed) claim the benefit under Title 35, United	n to me which is n (s) for patent or or any PCT interrect matter having Priority (mate invenation g a fil Clain [N [
amendment real acknowle bility in according in according in according in according in according in a cordinate listed belotion(s) design han that of the according in a cordinate in a cor	eferred to deep the cordance waim forest wand hating at the application of the cordance was an experience of the cordance was and hating at the application of the cordance of	at I have reviewed a control of the late o	and understand the contents the United States Patent and of Federal Regulations, §1. s under Title 35, United Sta below any foreign applicate other than the United States priority is claimed. ority Claims Under 35 U.S. onber) al Application(s) – I hereby below: oth/Year Filed	Trademark Office all information know 56. tes Code, §119 of any foreign application on(s) for patent or inventor's certificate of America filed by me on the same subject. 119 (Day/Month/Year Filed) (Day/Month/Year Filed) claim the benefit under Title 35, United Application No. Day/Mo	n to me which is n (s) for patent or or any PCT interrect matter having Priority (mate invenation at the control of th
amendment real acknowle bility in account in	eferred to dige the cordance was aim foreign and he nating at the application. Application of the cordance was aim foreign. Application of the cordance application of the	t I have reviewed a o above. duty to disclose to with Title 37, Code ign priority benefit have also identified least one country cation(s) on which polication(s) any Priority least one country or attention (s) any Priority least one country or attention (s) any Priority least one country or attention (s) any Priority least one country or attention (Numon U.S. Provisiona plication(s) listed by Day/Mon I hereby claim I hereby claim I international app subject matter of ener provided by the United States Particular in the states Particular I international app subject matter of ener provided by the United States Particular I international app	and understand the contents the United States Patent and of Federal Regulations, §1. s under Title 35, United States below any foreign application of the United States priority is claimed. ority Claims Under 35 U.S.	Trademark Office all information know 56. tes Code, §119 of any foreign application on(s) for patent or inventor's certificate of America filed by me on the same subj C. 119 (Day/Month/Year Filed) (Day/Month/Year Filed) claim the benefit under Title 35, United	n to me which is n (s) for patent or or any PCT interrect matter having Priority ([] Yes [] Yes States Code, §119 onth/Year Filed States application (s) ge the duty to discipled to patentability	mate invenation y a fill of the fill of th

I hereby appoint the following attorneys of the firm of Stevens, Davis, Miller & Mosher, L.L.P. as my attorneys of record with full power of substitution and revocation to prosecute this application and to transact all business in the Patent and Trademark Office:

James E. Ledbetter, Reg. No. 28732; Thomas P. Pavelko, Rég. No. 31689; and Anthony P. Venturino, Reg. No. 31674.

ALL CORRESPONDENCE IN CONNECTION WITH THIS APPLICATION SHOULD BE SENT TO

ALL CORRESPONDENCE IN CONNECTION WITH THIS APPLICATION SHOULD BE SENT TO STEVENS, DAVIS, MILLER & MOSHER, L.L.P., 1615 L Street, N.W., Suite 850, Washington, D.C. 20036, TELEPHONE (202) 408-5100, FACSIMILE (202) 408-5200.

See page 2 for signature lines

INSTRUCTIONS FOR COMPLETION OF THIS FORM

insert the same title as is used on the specification and in the assignment.

line 2 Is optional but is provided so that you can use it to identify more readily an application prior to the time that the Patent Office application serial number is assigned. We suggest that the specification, drawings and declaration always bear a file number since it can help to get the papers together in case they become inadvertently separated. In instances where the specification is filed without a signed declaration form (under 37 CFR §1.53) a file number on a later-received separate form will assist us in associating it with the correct case.

- line 3 Check this box if the specification, claims and drawing (if any) are attached to this declaration form, e.g., when filing a new patent application.
- lines 4-5 Are only used in an instance where the application is already on file and the declaration from is being separately filed, e.g., when the application was originally filed without a signed declaration or where the Patent Office has required a new declaration because of a deficiency in the original declaration. In such an instance the Patent Office will require that lines 4 and 5 be completed with the filing date and application serial number already assigned.
- line 6 Is used in conjunction with line 5 but only when there have been one or more amendments to the specification or claims. Line 6 is also used when the Examiner requires a new declaration because claims inserted by amendment cover subject matter not originally claimed (37 CFR §1.67).
- lines 7-11 Are for PCT (Patent Cooperation Treaty) cases and are used <u>only</u> when you are entering the U.S. National phase (Chapter I or II) based upon a previously filed PCT International application designating the U.S.
- line 7 Check this box if this is a PCT National Phase application.
- line 8 Insert PCT International application number.
- line 9 Insert date of filing of PCT International application.
- lines 10-11 Insert the date of all amendments filed in the PCT International application. Such amendments are optional, so this line at times will not be used.
- line 12a Is used in the following instances:
 - If a single priority is being claimed from a foreign application you need to list only the first-filed application; you do not need to list other countries if all applications were filed within one year of the U.S. filing.

 If multiple priorities are being claimed, from a plurality of applications filed in one or more countries, you must list the first filed application for each contribution.
 - If multiple priorities are being claimed, from a plurality of applications filed in one or more countries, you must list the first filed application for each aspect from a plurality of application filed in one or more countries, you must list the first filed application for each aspect of the invention. Example: if aspect A of the invention was disclosed in an application filed 11 months earlier in country X and aspect B was disclosed 9 months a figure in an application filed in country Y, then the applications in both countries X and Y must be identified. Only the first application for each aspect of the first invention needs to be identified provided all applications on that aspect were filed within one year prior to the U.S. filing.
 - If a <u>non-priority</u> application is being filed you must list <u>all</u> applications in all countries where corresponding foreign applications were filed <u>more than one</u> year prior to the U.S. filing. This is so the Examiner can check to see if any of those applications were published or patented early enough to be prior art against the <u>use</u> U.S. application.
 - (iv) If there are more than two applications to be listed we suggest that you type in on this form only "See attached Schedule A" and then list all of the previous applications on an attached sheet.
- line | | Is used to claim priority under 35 USC §119(e) based on a provisional application filed within one year of the filing of the instant application. More than one provisional application may be identified provided neither was filed more than one year earlier.
- line for each such prior application.

 This block is used only in instances where there is a previously filed <u>U.S.</u> non-provisional application which was copending at the time the present application was with the previous application of the National Phase of a PCT allocation. In such a case the present application may be entitled to the priority of the previous application's U.S. filing date (and consequently the foreign priority thereof) provided the present application is identified as a continuing application (continuation, divisional or continuation-in-part) of the earlier (parent) application.

 If the foregoing is applicable, please fill in one line for each such prior application.
- line 14 Type the inventor's proper legal name in the order specified, e.g., "John B. JONES" or "J. Bob JONES" if the inventor so prefers. It is <u>not</u> acceptable to use only initials such as "J. B. JONES."
- line 15 The inventor's "signature" may be his (or her) usual manner of signing but it is preferable that the inventor simply write his (or her) name in his (or her) own cursive handwriting in the same order as on line 14, e.g., given name, middle initial and Family name.
- line 16 Insert the actual date of signature.
- line 17 Insert simply the city and state or country, e.g., "Paris, France", of the inventor's <u>residence</u>, not citizenship. No street address or postal code is required on this line.
- line 18 Insert the inventor's citizenship. The statement of citizenship (or subject of) is a statutory requirement (35 USC §115). Simply the name of the country of citizenship, e.g., "Japan" is sufficient.
- line 19 Insert the inventor's mailing address. The purpose of requiring the post office address is to enable the Patent Office to communicate directly with the inventor if desired, such as in the case of death of the U.S. attorney. It should be the address where the inventor customarily receives his (or her) mail and should include the postal code. If applicable it can be the inventor's business address or address at place of employment.

Applicants are reminded that the U.S. Patent and Trademark Office has very strict requirements as to proper execution of an application. The applicant should make sure that he reviews the declaration, prior to signing to make sure the declaration properly identifies the application and all relevant information; and should review the specification and claims (including drawings, if any) before signing the declaration. Failure to do so will require the filing of a supplemental declaration --- 37 CFR §1.67(c).

Any handwritten changes to the specification, claims or drawings must be in ink personally by all of the inventors <u>prior to</u> signing the declaration and the adjacent left margin must be initialed and dated by all of the inventors, e.g., "JBJ 6-9-91".

Please let us know if there are any questions regarding proper completion of this form. Thank you.

An assignment, a separate document requiring separate signature and dating may be enclosed. Please look for it and sign and date it in the same manner as in lines 15 and 16 above.

STEVENS, DAVIS, MILLER & MOSHER, L.L.P.

Thereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful statements may jeopardize the validity of the application or any patent issuing thereon.

, .		PAGE 2 OF U.S.A. DECL	ARATION FORM			
14a	Typewritten Full Name	\mathcal{A}				
	of Sole or First Inventor	1-0(koji		IMURA		
		Given Name	Middle Name	Family Name		
		-	· · · · · · · · · · · · · · · · · · ·	runny rvanie		
15a	Inventor's Signature	_ Koji	Imura .			
16a	Date of Signature	February		2002		
		Month	Day	Year		
17a	Residence	Machida-shi	Tokyo SYX	JAPAN		
10-	C'irina and i	City	State or Province	Country		
18a 19a	Citizenship	JAPAN				
19a	Post Office Address (Insert complete mailing	4-10-19-1509, Haramachida, Machida-shi, Tokyo 194-0013 JAPAN				
	address, including country)					
	uauress, including country)					
14b	Typewritten Full Name	2 (1)				
170	of Sole or First Inventor	Doiii				
	of Sole of Past Inventor	Given Name	Middle Nt.	IDO		
		Orven Name	Middle Name	Family Name		
15b	Inventor's Signature	Dai	ni Ida			
116b	Date of Signature	February	2/	2002		
75\$ 2 8		Month	Day	Year		
17b	Residence	Yokohama-shi	Kanagawa (JAPAN		
59) . !		City	State or Province	Country		
18b	Citizenship	JAPAN	· · · · · · · · · · · · · · · · · · ·	Country		
1 9b	Post Office Address	1-14-13-104, Namiki, Kanaz	zawa-ku, Yokohama-shi, Ka	nagawa 236-0005 IAPAN		
	(Insert complete mailing					
F=4;	address, including country)					
-## :!						
4c	m	2 /2				
##4C	Typewritten Full Name	Z-00				
67 E F74 F87	of Sole or First Inventor	Akihiro		MIYAZAKI		
77 <i>7</i> 714		Given Name	Middle Name	Family Name		
15c	Inventor's Signature	akihi)	n mussahi			
16c	Date of Signature	February	21	2002		
		Month	Day	Year		
17c	Residence	Sakai-shi	Osaka Osaka	JAPAN		
		City	State or Province	Country		
18c	Citizenship	JAPAN		Country		
19c	Post Office Address	3-18-48, Mozuume-machi, S	akai-shi. Osaka 591-8032 IA	APAN		
	(Insert complete mailing	•				
	address, including country)					
		11:11				
14d	Typewritten Full Name	7200				
	of Sole or First Inventor	Koichi		HATA		
		Given Name	Middle Name	Family Name		
15d	Inventor's Cianature	X and	chi Hata			
16d	Inventor's Signature Date of Signature	February	2/			
100	Date of Signature	Month		2002		
17d	Residence	Monin Katano-s <u>hi</u>	Day Osaka	Year		
		City	State or Province	JAPAN		
18d	Citizenship	JAPAN	State of Flovince /	Country		
19d	Post Office Address	5-8-201, Myokenzaka, Katan	0-shi Osaka 576 0001 TAB	A D.T		
	(Insert complete mailing	— — Marine III and, Natali	v-oui, vsaka 570-UUZI JAP	NN		
	address, including country)					

Please sign name on line 15 exactly as it appears in line 14 and insert the actual date of signing on line 16. If there are more than four inventors, please add a *Note to Inventor: Please sign name on line 15 exactly as copy of this page for identification and signatures for the additional inventors. $^{\circ}$ 1998 STEVENS, DAVIS, MILLER & MOSHER, L.L.P.